

Wisconsin Aviation

Bulletin

Summer, 2002 No. 69

Saving private airports

At a time when public-use airports are closing at a rate of 1% per year, Wisconsin municipalities are recognizing the importance of an airport to their community.

The City of Middleton recently purchased Morey Airport and will be developing it as a first-class business airport to serve Madison's and Middleton's rapidly growing west side. The 2,970' x 38' runway will be replaced by a 4,000' x 100' runway with a full parallel taxiway and paved apron. The development of a hangar area and terminal building is being planned.

The Village of Cottage Grove is studying the prospect of purchasing Blackhawk Airport. The airport is located north of the village and eight miles east of Dane County Regional Airport. The airport is home to approximately 50 based aircraft and has two paved runways, 2,150' x 55' and 2,950' x 55'. The village has appointed a commission to evaluate the purchase of the airport.

The Village of Prairie du Sac is studying the prospect of accepting the Sauk-Prairie Airport as a gift from its owner. The airport is located west of the village and 24 miles northwest of Madison. It is home to approximately 30 based aircraft and has a 2,940' x 32' runway. The owner has offered to give the village 40 acres containing the runway and design surfaces.

Wisconsin aviation leaders honored



Jim Szajkovics (r) accepts his award from David Greene, Director of the WisDOT-Bureau of Aeronautics

Two Milwaukee-area residents were recognized for their outstanding contributions to aviation in Wisconsin. Jim Szajkovics of Greendale received the 2002 Outstanding Achievement in Aviation Award. Szajkovics has worked for the Federal Aviation Administration for 28 years and currently serves as Safety Program Manager for the Flight Standards District Office in Milwaukee. Widely recognized as one of Wisconsin's top aviation safety advocates, Szajkovics delivers his lifesaving message to numerous aviators throughout the state each year.

James C. Wagner, a teacher at Milwaukee Technical High School, received the 2002 Carl E. Guell Aviation Education Award. Wagner is a retired U.S. Air Force major, who since 1991 has been teaching Air Force Junior Reserve Officer Training courses at Milwaukee Technical High School. Wagner teaches an average of 200 students each year and is credited with helping numerous students pursue military and civilian aviation careers – including students who have been admitted to the Air Force, Naval, and Merchant Marine academies. The award is named in honor of Carl Guell, who worked for 38 years at WisDOT promoting aviation education initiatives.

A panel of WisDOT and private sector individuals review nominations and select the award winners. Both awards were presented during the annual Wisconsin Aviation Conference held April 8 – 9 in Green Bay.



Tom Thomas, WisDOT-Bureau of Aeronautics presents James Wagner (r) with the Education Award

Land use planning symposium

“Protect your community's investment” is the focus of the Land Use Planning Around Airports Symposium planned for October 29 at the Hotel Mead in Wisconsin Rapids. Airports that cannot be utilized to their highest potential because they are unable to expand on site or are restricted in their use represent lost economic opportunities and a waste of community resources. Don't let this happen to your airport. Tentative agenda items include:

- The Economic Impact of Airports on a Community
- Zoning and Other Options Available to Protect the Community/Airport
- First-hand Experiences from Municipalities on Airport Zoning
- Tall Towers and Height Zoning

Registration material will be mailed soon. Questions can be directed to Judy Harding at 608-267-1223 or visit www.dot.state.wi.us/dtid/boa.

Airport Spotlight

Waukesha County Airport/Crites Field is located in southeastern Wisconsin and is part of the Milwaukee Metropolitan area. Easily accessible from I-94, the airport is located in the City of Waukesha, 15 miles west of Milwaukee, 60 miles east of Madison and 100 miles northwest of Chicago.



One of the fastest growing counties in the state, the population of Waukesha County increased by 56,052 between 1990-2000. With seven cities, 18 villages, 12 towns and a population of 360,767, the county provides a large and rapidly expanding client base for the airport.

Waukesha County has a diversified economic base and workforce. The county is home to over 12,000 businesses that employ more than 225,000 workers. Manufacturing (26%), services (25%), and retail trade (16%) represent the largest employment sectors in the county. The county consistently registers one of the lowest unemployment rates in the state and per capita personal income ranks as one of the highest.

Waukesha County Airport/Crites Field provides exceptional access and services for corporate and general aviation activity in the Milwaukee metropolitan area. In 2001, the airport recorded 105,635 aircraft operations (take-offs and landings) and served 225 based aircraft, including 12 jet, 31 multi-engine and 182 single-engine aircraft.

A new terminal building was constructed in 1997 with over 11,000 square feet of administrative and leased space. The terminal lobby offers business workstations, a flight planning area, pilot lounge and accommodations for business meetings.

As an important part of our statewide transportation network, local airports such as Waukesha County Airport/Crites Field play a critical role in fostering business growth and economic development.

A study of the contribution of Waukesha County Airport/Crites Field to the local and state economy was recently completed by the Wisconsin Department of Transportation, Bureau of Aeronautics. The results of the study indicate that



Waukesha County Airport/Crites Field provided \$29.8 million in economic output (sales), supported 589 jobs and contributed \$12.3 million in personal income to the local (Waukesha County) economy in 2000. Activity at Waukesha County Airport/Crites Field also generated an additional \$5.8 million in sales, 70 jobs and \$3 million in personal income to the state economy. When combined with the local impact, the total contribution of Waukesha County Airport/Crites Field to the local and state economy in 2000 was \$35.6 million in sales, 659 jobs and \$15.3 million in personal income.

Waukesha County Profile

Seven cities, 18 villages, 12 towns -
360,767 population
Employment - 225,000+
Per Capita Personal Income - \$37,834

Major Employers

Quad/Graphics
General Electric
Waukesha Memorial Hospital
Cooper Power Systems
Marks Five Corporation
Dayton Hudson
Walmart Associates
United Parcel Service
The Gap
Fleming Companies

Airport Stats

- Air traffic control tower 6 am-9 pm
- 5,850' x 100' primary runway
- 3,599' x 75' secondary runway
- Jet-A and 100 octane available
- Instrument landing system - Rwy 10
- VOR and NDB
- FBO - Waukesha Flying Services
(262) 549-6150
www.execpc.com/~wfsinc/
- FBO - Skycom Avionics
(262) 521-8180

Airport Web site:
www.critesfield.com

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Sport pilot rule nearing completion

The proposed Sport Pilot and Light-Sport aircraft rule recently completed the Notice of Proposed Rulemaking (NPRM) public comment period. Currently, the Federal Aviation Administration (FAA) is analyzing all of the comments and then will adopt the rule as it was originally published, publish it after making some minor changes, make substantial changes and open it up for more comments, or abandon the whole proposal.

The following are key points of the rule as it was published in the NPRM:

Aircraft - Light-sport aircraft are aircraft that are limited to 1,232 lbs. maximum weight, two occupants, a single non-turbine powered engine, stall speed of 39 knots, maximum airspeed of 115 knots, and fixed landing gear. Aircraft categories include airplanes, weight-shift-control aircraft, powered parachutes, gyroplanes, gliders, balloons and airships. Due to their complexity, helicopters and powered-lifts are not covered by the proposed rule. Two new airworthiness certificates would be established:

- A new experimental light-sport aircraft airworthiness certificate for existing light-sport aircraft that do not meet the requirements of Part 103 (ultralight vehicles) of the Federal Aviation Regulations.
- New special, light-sport aircraft airworthiness certificates for light-sport aircraft that meet an airworthiness standard developed by industry.

Pilots and Flight Instructors

- New airmen certificates would include a student pilot certificate for operating light-sport aircraft, a sport pilot certificate, and a flight instructor certificate with a sport pilot rating.
- Two new aircraft category and class ratings - weight-shift-control (with land and sea class ratings) and powered parachute.
- New training and certification requirements for these new ratings.
- A current and valid U.S. drivers license or an FAA airman medical certificate would be required to operate a light sport aircraft.

Repairman

- A new repairman certificate with a maintenance or inspection rating to maintain and inspect light-sport aircraft.

New chart available soon

The *2002-2003 Wisconsin Aeronautical Chart* is at the printer and should be available at your local FBO or pilot supply shop in mid-July. With this edition, the bureau will start printing the chart every other year alternating with the *Wisconsin Airport Directory and Pilot's Guide*. Single copies of the WAC scale chart can be requested by calling the bureau at (608) 266-3351. Requests for multiple copies should be placed with WisDOT Document Sales at (608) 246-3265.

Upcoming flight instructor courses

Mark your calendars for the remaining 2002 Flight Instructor Refresher Courses (FIRC). The first course is Monday, July 22 held in conjunction with EAA AirVenture. WisDOT partners with the National Association of Flight Instructors to present the innovative NAFI FIRC. During this course, you'll attend an eight-hour clinic that covers 12 core FIRC topics. To complete the FIRC, you choose from among a wide range of FAA-approved AirVenture forums, seminars, and workshops.

Registration is \$185, with an exclusive \$35 discount for NAFI members. Registration deadline is July 1. Space is limited, so CFI's are encouraged to register as soon as possible by calling 920-426-6840, sending an e-mail to nafi@eaa.org or registering on-line at www.nafinet.org.

The fall course will be held November 2-3 at the EAA Aviation Center in Oshkosh. Advanced registration is \$125 for Wisconsin residents or \$175 advanced registration for non-residents. Registration deadline is October 18. Questions can be directed to Judy Egnor, 608-266-8667, judith.egnor@dot.state.wi.us.

Runway expansion begins at Janesville



On April 15, construction began at the Rock County Airport in Janesville starting a two-year, \$12 million project that will strengthen and lengthen Runway 13/31. According to WisDOT-Bureau of Aeronautics' Airport Development Engineer Wendy Hottenstein, the runway will be increased from 5,400' to 7,300'. At

the same time, a new Instrument Landing System will be installed making the new runway the airport's primary all-weather runway, fully capable of handling all types of jet cargo and passenger aircraft. A cost-benefit study predicts economic benefits of three to five times what the project will cost. The immediate beneficiaries will be heavy industry in the Beloit-Janesville area who ship large and heavy parts by air cargo throughout the U.S., Canada and Mexico. The project is expected to be complete in the fall of 2003.

Busy summer for aviation education

This summer will mark the 13th anniversary of the ACE (Aviation Careers and Education) program in Wisconsin. The eight-week ACE program provides valuable aviation-related work experience for Milwaukee and Madison public high school students.

The second ACE Camp will also be held this summer. The Wisconsin Space Grant Consortium awarded the WisDOT-Bureau of Aeronautics a \$1,200 Aerospace Outreach Grant and a \$2,000 Special Initiatives Grant. The money will be used to help fund the four-day ACE Camp for youths ages 11-13 at Volk Field on July 14-17. During the camp, the youth will be exposed to a variety of aviation/aerospace related activities, including rocket building and launching, kite building, flight planning, hot air balloon ride, and a Young Eagle's Flight.

The bureau is also involved in a new project this summer through the UW Madison's PEOPLE (Precollege Enrichment Opportunity Program for Learning Excellence). PEOPLE is a 3-week

program for students to explore a subject area in depth through hands-on workshops in architecture, biological mysteries, computer animation and graphics, exploring the solar system, newspaper publishing, transportation, and other challenging topics. The bureau will conduct a one-week workshop on aviation from June 17-21 at the UW Space Place in Madison. Students will learn about basic principles of flight, aviation weather, navigation, and map reading.

Wall charts still available

The 2000 edition of the 46" x 54" aeronautical wall chart is still available for \$20.00 per copy. There are also 1994 wall charts remaining. 1994 folded maps are free and rolled maps are \$5.00. Contact the Bureau of Aeronautics at P.O. Box 7914, Madison, WI 53707-7914.



**Have a safe
and
enjoyable
summer!**

Calendar of Events

July 23-29, Oshkosh

EAA AirVenture Oshkosh 2002

October 29, Wisconsin Rapids

Land Use Planning Around Airports Symposium

October 30, Wisconsin Rapids

Airport Operations & Management Seminar

November 2-3, Oshkosh

Flight Instructor Refresher Course

Tom Thomas honored

Tom Thomas, a 29-year veteran with the WisDOT-Bureau of Aeronautics, received the



Distinguished Service Award from the Wisconsin Airport Management Association to

recognize his commitment to aviation education and overall dedication to Wisconsin's aviation community.

Tom is a U.S. Air Force and Vietnam veteran who retired from the Wisconsin Air National Guard in 1993. He received his award at the Wisconsin Aviation Conference on April 8 in Green Bay.



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